

CO₂ MINIATURE Integral Coalescent Filter & Relief Valve

CX (CO₂) Models Port Sizes: 1/8, 1/4



Model Shown: CX-3B1B0A0-2AG

- ◆ Inline mounting.
- ◆ Diaphragm-type design.
- ◆ Outstanding control at relatively low cost
- ◆ Pressure gauge optional.
- ◆ NPTF port threads; optional BSPP threads.

SPECIFICATIONS

Ambient/Media temperature:

-40° to 125°F (-40° to 52°C).

Body and dome: Aluminum. Optional anodized coating

Fluid media: CO₂, inert gases

Shutdown pressure range: 1-175 psig (0 to 12 bar). standard; other ranges are available.

Flow range: 0 to 20 scfm.

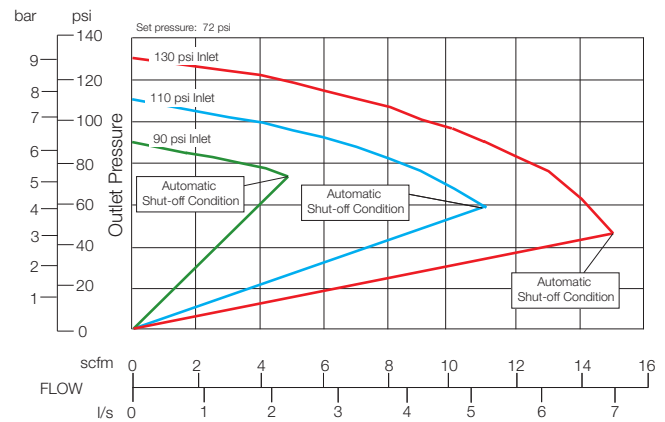
Pressure gauge: 0 to 160 psig (11 bar); 1/8 NPT gauge ports front and rear. Optional gauges sold separately.

Panel mounting: 1-3/16 inch (30 mm) hole required.

Seals: Neoprene seals and O-rings. Nitrile diaphragm.

Maximum inlet pressure: 200 psi

FLOW CHART



The Automatic Shut-off Condition was measured 4 inches from the Outlet port. Hose length can be compensated for by decreasing the difference between the inlet and the set point pressures to account for pressure drop of hose.



บริษัท ฟลูเทค จำกัด
FLU-TECH CO.,LTD

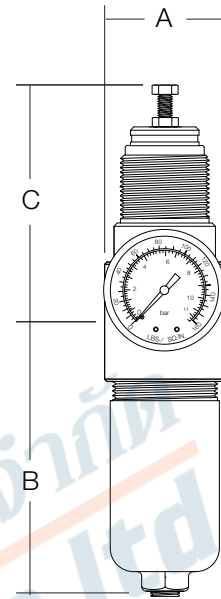
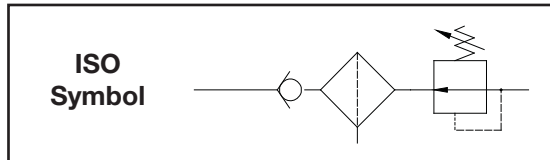
845/3-4 หมู่ 3 ต.เทพารักษ์ ต.เทพารักษ์ อ.เมือง จ.สมุทรปราการ 10270

845/3-4 Thepharak RD., T.Thepharak, A.Muang, Samutprakarn 10270 THAILAND
Tel. 0 2384 6060, Fax 0 2384 5701, Email : sales@flutech.co.th, www.flutech.co.th

DIMENSIONS inches (mm)

				Weight †
A	B	C	Depth †	lb (kg)
1.6 (41)	3.56 (90)	2.68 (68)	1.6 (41)	0.60 (0.27)

† Less gauge.



ORDERING INFORMATION

Change the letters in the sample model number below to specify the CO₂ Integral Coalescent filter / relief valve you want.

CX- 3 B 1 B 0 A 0- 2 A G W

ANODIZED TYPE

None A
Clear Anodized head and B
dome.

DOMEST TYPE

Threaded metal dome 1
and metal bowl (no drain).
Stainless steel adjustment
screw and stainless steel nut.

O-RING AND SEAL MATERIAL

Neoprene seals, o-rings, 0
and Nitrile diaphragm.
Nitrile seals, o-rings and 1
diaphragm.

GAUGE OPTION

No Gauge Leave blank
Gauge 0-160 psig G

PORT TYPE

NPTF threads Leave blank
BSPF threads W

SPRING RANGES

0-125 psig (0-8.6 bar) C
0-50 psig (0-3.4 bar) D
0-15 psig (0-1 bar) F
0-30 psig (0-2.1 bar) H

PORT SIZE

1/8-NPTF 1
1/4-NPTF 2

PANEL MOUNT NUTS

None A
Plastic nut B
Plastic hex nut C
Metal nut * D

* If anodize is chosen, then panel
mount nut will be the same color.



บริษัท ฟลูเทค จำกัด
FLU-TECH CO.,LTD

845/3-4 หมู่ 3 ต.เทพารักษ์ ต.เทพารักษ์ อ.เมือง จ.สมุทรปราการ 10270

845/3-4 Thepharak RD., T.Thepharak, A.Muang, Samutprakarn 10270 THAILAND
Tel. 0 2384 6060, Fax 0 2384 5701, Email : sales@flutech.co.th, www.flutech.co.th